

**Conservation Practice Standard  
Nutrient Management  
(Code PA590)**

**JOB SHEET**

**Reportable in Acres**

*Prepared For*

**Operator's Name**

**Operator's Address**

**Operator's Telephone Number**

*Reviewed and Approved By*

**Name**

**Nutrient Management Specialist's Program Certification Number,**

**CCA Number or**

**NRCS Field Team Number**

**Date of Plan Submission**

# **Nutrient Management 590 Plan Agreement & Responsibilities**

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## **Plan Implementation Requirements**

This nutrient management plan has been developed to meet the requirements of the NRCS (Natural Resources Conservation Service) 590 Nutrient Management Standard.

This nutrient management (590) plan is required to be implemented as approved in order to maintain compliance with the nutrient management (590) conservation standard in your conservation plan. Implementation includes adherence to manure and fertilizer application rates, timing, setbacks and conditions; and record keeping.

Records required to be maintained include the following:

- 1) Annual crop yields
- 2) Manure and fertilizer application rates, locations and date of application
- 3) Soil test reports (testing required every 3 years per crop management unit)
- 4) Manure test reports (testing required once a year for each manure group)
- 5) Number of animals on pasture, number of days on pasture, and hours per day on pasture

## **Plan Writer Signature**

The information contained in this plan is accurate to the best of my knowledge. This plan has been developed in accordance with the criteria established for nutrient management (590) conservation practice standard.

**Specialist Signature** \_\_\_\_\_

**Date** \_\_\_\_\_

## **Operator Agreement**

All the information I provided in this nutrient management plan is accurate to the best of my knowledge and I will implement the practices and procedures outlined in the nutrient management plan in order to protect water quality and address the nutrient needs of the crops associated with the operation. If I use a commercial hauler or broker, that hauler/broker will be certified.

**Operator's Signature** \_\_\_\_\_

**Operator's Title** \_\_\_\_\_

**Date** \_\_\_\_\_

## Nutrient Management Plan

[illegible]

PA590 nutrient management job sheet

## **Winter Manure Spreading Procedures**

List the crop management units where winter application is either planned or restricted, the manure application procedures to be used including application setbacks, the ground cover and conditions of the field during application, and the type of manure planned to be applied.

## Operation Information

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**Operation Description** (acreage of cropland, hayland and pastureland; crop rotation, description of each manure group)

**County(s)**

**Nutrient impaired waters, i.e. 303(d).**

In areas with identified or designated nutrient related water quality impairment, the PA Phosphorus Index shall be completed to determine the potential for nutrient transport from each CMU.

**Operation Acres**

**Total Acres**

**Total Acres Available For Nutrient Application Under Operator's Control**

**Owned**

**Rented**

**Names & Addresses of Owners of Rented or Leased Land**

**Manure Application Equipment Capacity & Practical Application Rates**

(Description of application equipment, practical application rates based on calibration and calibration method used, the data recorded during equipment calibration is to be retained on the farm)

## Operation Maps

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Operation maps required identifying the land included in the plan. Maps or aerial photographs must clearly identify: operation boundaries, field identification, acreage and boundaries, soil types and slopes with soil legend, manure application setback areas and buffers and associated landscape features, location of existing and proposed structural nutrient management related BMPs (including manure storage facilities road names adjacent to or within the operation).

## Manure Analysis Results Summary

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**Note:** Operator may choose to attach copies of the manure analysis reports in place of this table.

Manure Group	Lab	Date Sampled	Total Nitrogen (N)	Ammonium N (NH <sub>4</sub> -N)	Total Phosphate (P <sub>2</sub> O <sub>5</sub> )	Total Potash (K <sub>2</sub> O)	Percent Solids	Notes
			Note lb/ton or lb/1000 gal					

\_\_\_\_\_

[illegible]



## Nutrient Application Calculations

## I. Field Information and P Index Part A

**Crop Year:** \_\_\_\_\_

[illegible]

## II. Determining Other Nutrient Contributions

Crop Year: \_\_\_\_\_

[illegible]

<sup>1</sup> Fertilizer applied regardless of manure application.

<sup>2</sup> Manure and all other organic sources of nitrogen.

<sup>3</sup> Agronomy Guide Table 1.2-14B or Table 1.2-15 (include calculations in Appendix 11)

<sup>4</sup> Agronomy Guide Table 1.2-8 or Soil Test Report

### III. Calculating N-Balanced Manure Rate

Crop Year: \_\_\_\_\_

[illegible]

## Crop Year: \_\_\_\_\_

## Crop Year: \_\_\_\_\_

[illegible]

Use the P calculation sheet (IV) to calculate a P based rate if the field is P restricted by the P Index (>80). Provide documentation for irrigated manure or rates greater than 9000 gal/acre.

<sup>2</sup>Indicate whether the Planned Rate is based on N (P Index Part A only or P Index Part B<80) or if it is restricted by P Index Part B.

<sup>3</sup>For all fields that require Part B of the P Index, enter the final P Index Value for the Planned Manure Rate here.

## VI. Supplemental Fertilizer and Final Nutrient Balance

**Crop Year:** \_\_\_\_\_

[illegible]

**Appendix 7**  
**Phosphorus Index**

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The current Pennsylvania Phosphorus Index Spreadsheet or paper worksheet for each field that required Part B of the P Index (Appendix 6 Section 1) must be included here. Preliminary P Index calculations that you might make to decide on an appropriate management strategy should not be included here.

## **Supporting Information & Documentation**

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Attach information and documentation necessary to support plan content not included elsewhere in the plan or appendices. Examples include, but are not limited to, calculations for irrigation rates, or calculations for manure residual N if using Table 1.2-15.